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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Entomology and Plant Quarantine
Insecticide Division

Patent List No. 42

A LIST OF
UNITED STATES PATENTS
Issued from 1917 to 1933 inclusive
relating to
SCREENS FOR WINDOWS AND DOORS, PART II
compiled by
R. C. Roark

Washington, D.C.
March, 1935.

A LIST OF UNITED STATES PATENTS ISSUED FROM 1917 to 1933, INCLUSIVE,
RELATING TO SCREENS FOR WINDOWS AND DOORS.

Part II.

Compiled by

R. C. Roark

Insecticide Division, Bureau of Entomology and Plant Quarantine

List No. 41 of this series listed 389 patents on window screens. This list gives 283 additional patents on screens for windows, doors and other openings in rooms, cars, and elsewhere.

Every effort has been made by the compiler to make this list of patents complete and no discrimination is intended against any patent mention of which is inadvertently omitted.

The Department of Agriculture assumes no responsibility for the merits or workableness of any of the patents, nor does it recommend any of the inventions listed.

1,210,553 (Jan. 2, 1917; appl. Dec. 4, 1914). SCREEN-DOOR. Robert J. Sinnott, Ottawa, Ill.

1,217,275 (Feb. 27, 1917; appl. Oct. 19, 1916). SCREEN-HANGER. Christ Christensen, Denver, Colo.

1,221,186 (Apr. 3, 1917; appl. Apr. 14, 1915). WINDOW STRUCTURE. Max N. Keeler, Urbana, Ill.

1,221,478 (Apr. 3, 1917; appl. Sept. 28, 1916). DOOR. George Sajtos, Cleveland, Ohio, - one-half to Charles Budy, Cleveland, Ohio.

1,221,700 (Apr. 3, 1917; appl. Aug. 23, 1916). SCREEN-DOOR ATTACHMENT. Charles M. Deicke, Baltimore, Md.

1,223,281 (Apr. 17, 1917; appl. June 16, 1916). ADJUSTABLE SCREEN-HANGER. David E. Hipolito, Los Angeles, Calif. - Hazel C. Hipolito.

1,224,762 (May 1, 1917; appl. Aug. 27, 1915). FLY-SCREEN HOLDER. Annie T. McKeown, Washington, D. C.

1,224,912 (May 8, 1917; appl. June 2, 1916). HALF-SCREEN HANGER. Edward J. Fellman, Milwaukee, Wis.

1,227,152 (May 22, 1917; appl. Nov. 9, 1916). EXTENSIBLE WINDOW-FRAME. Carl S. Johanson, Montclair, N.J.

1,229,983 (June 12, 1917; appl. May 3, 1916). WINDOW OR DOOR SCREEN. William R. Leonard, Covington, Ky. - One-half to John Hachmeister, Covington, Ky.

1,233,884 (July 17, 1917; appl. June 14, 1916). ADJUSTABLE WINDOW-SCREEN. Emil Kraemer and George Schuler, Woodside, N.Y.

1,236,193 (Aug. 7, 1917; appl. May 31, 1916). WINDOW-SCREEN. Joseph M. McGrath and John T. Lane, San Francisco, Calif.

1,241,185 (Sept. 25, 1917; appl. Feb. 2, 1917). WINDOW-VENTILATOR. John P. Adams and George I. Leonard, Chicago, Ill.

1,242,789 (Oct. 9, 1917; appl. Nov. 5, 1914). COMBINATION SCREEN AND STORM DOOR. Charles F. Franz, Richville, Minn.

1,246,346 (Nov. 13, 1917; appl. June 28, 1915). WINDOW CONSTRUCTION. Joseph Stephens, Berkeley, Calif.

1,250,429 (Dec. 18, 1917; appl. Oct. 30, 1916). WIRE-SCREEN FRAME. Houston M. Carroll, San Antonio, Texas.

1,251,779 (Jan. 1, 1918; appl. May 26, 1917). DOOR CONSTRUCTION. Carl J. Jackson, Superior, Wis.

1,256,839 (Feb. 19, 1918; appl. Nov. 23, 1914). WINDOW-MOUNTING. Arthur C. Soule, San Francisco, Calif.

1,256,840 (Feb. 19, 1918; appl. Dec. 28, 1915). WINDOW. Arthur C. Soule, San Francisco, Calif.

1,258,192 (Mar. 5, 1918; appl. June 6, 1912). SCREEN. Clyde J. Coleman, New York, N.Y.

1,258,247 (Mar. 5, 1918; appl. Aug. 11, 1916). VENTILATOR. John C. Rinker, Roseville, Calif.

1,262,116 (Apr. 9, 1918; appl. Feb. 23, 1917). WINDOW-SCREEN. Frank E. Smith, Topeka, Kans.

1,262,552 (Apr. 9, 1918; appl. Sept. 8, 1917). WINDOW AND SCREEN. Felix Ordakowski, Clarksburg, W. Va.

1,264,734 (Apr. 30, 1918; appl. Feb. 23, 1915). INSECT-SCREEN FOR CRIBS OR BEDS. Thomas E. Williams, Winnipeg, Manitoba, Canada, - One-half to Lillie A. Dewey, Philadelphia, Pa.

1,265,477 (May 7, 1918; appl. Mar. 10, 1917). WINDOW-SCREEN. Maurice H. Milman, Brooklyn, N.Y. - One-half to Eli Heller, Wilkes-Barre, Pa.

1,268,653 (June 4, 1918; appl. July 12, 1917). WINDOW OR DOOR SCREEN. Alfred Whetstone, Mount Carmel, Pa.

1,268,657 (June 4, 1918; appl. Dec. 13, 1915). SCREEN-DOOR CATCH. Rudolph G. Winter, Milwaukee, Wis.

1,270,117 (June 18, 1918; appl. Aug. 10, 1917). SCREEN-FASTENER. Theodore E. Charlberg, Moline, Ill.

1,273,288 (July 23, 1918; appl. Nov. 24, 1917). COMBINED WINDOW VENTILATOR AND SCREEN. George W. Stein, Chicago, Ill.

1,274,933 (Aug. 6, 1918; appl. Dec. 24, 1917). DOOR-SCREEN. Bert B. Perkins, Monticello, Minn.

1,277,307 (Sept. 3, 1918; appl. Mar. 15, 1918). WINDOW-SCREEN. Abe W. Wise, Corinth, Miss.

1,279,319 (Sept. 17, 1918; appl. Jan. 22, 1918). SCREEN-DOOR ATTACHMENT. George B. Frost, Cincinnati, Ohio.

1,286,888 (Dec. 3, 1918; appl. Mar. 26, 1918). SCREEN. John O'Brien, Stayner, Ontario, Canada.

1,289,753 (Dec. 31, 1918; appl. Sept. 29, 1917). VENTILATING-DOOR. Sue S. Haydon, Harrodsburg, Ky.

1,291,267 (Jan. 14, 1919; appl. July 13, 1918). FLY-SCREEN. Charles C. Treadway, Lordsburg, N. Mex.

1,291,886 (Jan. 21, 1919; appl. May 25, 1918). SCREEN-DOOR CATCH.
Raymond T. Hill, Detroit, Michigan.

1,293,911 (Feb. 11, 1919; appl. Aug. 14, 1918). SCREEN-DOOR LATCH.
James R. Plants, Claysville, Pa.

1,299,596 (Apr. 8, 1919; appl. Nov. 25, 1916). SCREEN-DOOR FASTENING.
Benton Moore and Garrett O. Stansbury, Kansas City, Mo.

1,302,729 (May 6, 1919; appl. Mar. 5, 1919). COMBINATION SCREEN AND
VENTILATOR. Harry L. Thomas, Crum Lynne, Pa.

1,306,684 (June 17, 1919; appl. Feb. 11, 1919). SCREEN-HINGE. Joseph
B. Bradley, Miami, Fla.

1,313,969 (Aug. 26, 1919; appl. Feb. 14, 1919). SCREEN-DOOR HOOK.
Oscar C. Williamson, Mountain View, Calif.

1,314,959 (Sept. 2, 1919; appl. April 29, 1918). COMBINATION-DOOR.
John Gruen, Jr., Springfield, Mo.

1,318,253 (Oct. 7, 1919; appl. Apr. 12, 1918). COMBINED WINDOW SCREEN
AND VENTILATOR. Anton Zeman, Philadelphia, Pa.

1,323,393 (Dec. 2, 1919; appl. Oct. 6, 1917). APPARATUS FOR ATTACHING
SHADES, SCREENS, OR THE LIKE. Azel C. Hough, Janesville, Wis.

1,325,089 (Dec. 16, 1919; appl. Aug. 7, 1916). SCREEN AND WINDOW.
John F. Hankammer, Des Moines, Iowa.

1,326,608 (Dec. 30, 1919; appl. May 29, 1919). SCREEN OR STORM-WINDOW
FASTENER. John W. Nippert, Worden, Mont.

1,330,714 (Feb. 10, 1920; appl. June 27, 1918). WINDOW CONSTRUCTION.
Archibald MacKinnon, Tuckahoe, New York.

1,331,397 (Feb. 17, 1920; appl. Dec. 27, 1918). COMBINED VENTILATOR
AND SCREEN. George W. Stein, Chicago, Ill.

1,332,131 (Feb. 24, 1920; appl. July 15, 1919). SCREEN. Elizabeth
Lynch, Minneapolis, Minn.

1,332,441 (Mar. 2, 1920; appl. April 10, 1919). DOOR CONSTRUCTION.
Carl J. Jackson Superior, Wis.

1,344,054 (June 22, 1920; appl. Apr. 10, 1919). VENTILATING WINDOW-
SECTION AND SCREEN. Ralph Miller and William E. Turney, San Francisco, Calif.

1,345,569 (July 6, 1920; appl. July 1, 1919). SCREEN. Clifford M.
Way, Des Moines, Iowa.

1,346,664 (July 13, 1920; appl. Aug. 22, 1919). SCREEN FOR WINDSHIELDS.
Frank McMahon and Roger A. Houston, South Charleston, Ohio.

1,347,341 (July 20, 1920; appl. Apr. 10, 1917). DETACHABLE FASTENER FOR CYLINDRICAL SCREENS. William L. Leach, Brownwood, Texas.

1,350,147 (Aug. 17, 1920; appl. Oct. 29, 1919). WINDOW ATTACHMENT. Joseph E. Galbraith, New York, N.Y.

1,352,171 (Sept. 7, 1920; appl. Jan. 3, 1920). WINDOW-SCREEN CATCH. Joseph B. Bradley, Miami, Fla.

1,354,987 (Oct. 5, 1920; appl. Apr. 16, 1919). AUTOMOBILE-SCREEN. Georgiana C. Miller, Livingston, Mont.

1,356,428 (Oct. 19, 1920; appl. Jan. 10, 1920). COMBINED WINDOW-SCREEN AND VENTILATOR. Charles F. A. Cammann, New York, N.Y.

1,360,424 (Nov. 30, 1920; appl. June 28, 1920). ROLL-SCREEN SUPPORT. Marshall McGaughy, Pine Bluff, Ark.

1,360,628 (Nov. 30, 1920; appl. Oct. 4, 1916). WINDOW, SCREEN AND SASH LOCKER. Claude Ellis, Springville, N.Y.

1,363,837 (Dec. 28, 1920; appl. Apr. 29, 1919). WINDOW. Horace B. Chaffee, Brooklyn, N.Y.

1,370,457 (Mar. 1, 1921; appl. Apr. 2, 1920). HINGE. Ulysses M. Lincoln, Miami, Fla.

1,372,687 (Mar. 29, 1921; appl. Mar. 10, 1919). COMBINED WINDOW GLASS AND SCREEN HOLDER. Charles H. Hargadine, Omaha, Neb.

1,376,235 (Apr. 26, 1921; appl. July 2, 1920). WINDOW-SCREEN FASTENER. Emil Troph, Madrid, Nebr.

1,379,040 (May 24, 1921; appl. May 1, 1920). CATCH FOR SCREEN-DOORS AND THE LIKE. Lewis M. Pratt, Eldorado, Kans. - One-half to Roy Austin Medlin, Eldorado, Kans.

1,379,227 (May 24, 1921; appl. Oct. 23, 1919). COMBINATION SCREEN AND STORM-SASH. William R. Stermer, Chicago, Ill.

1,385,958 (July 26, 1921; appl. Apr. 24, 1920). FRAME FOR WINDOW-SCREENS AND METHOD OF MAKING SAME. Frederick W. Van Fleet, Toledo, Ohio.

1,386,033 (Aug. 2, 1921; appl. July 8, 1915). WINDOW-SCREEN. Leopold Simon, New York, N.Y.

1,392,706 (Oct. 4, 1921; appl. June 11, 1921). WINDOW-SCREEN. Charles Rochon, Fall River, Mass.

1,399,878 (Dec. 13, 1921; appl. Feb. 28, 1919). WINDOW-SCREEN CONSTRUCTION. William H. Ray, Monroe, Mich.

1,402,241 (Jan. 3, 1922; appl. June 7, 1921). INSECT-EXCLUDING DEVICE FOR USE ON GREENHOUSE VENTILATORS. Eugene May, Jr., Robert J. Bullen, and August Voigt, Washington, D. C. - United States Government and people of the U. S.

1,405,507 (Feb. 7, 1922; appl. Jan. 23, 1920). DOOR. William H. Emerick, Chicago, Ill.

1,411,784 (Apr. 4, 1922; appl. July 25, 1916). SCREEN HANGER. Hazel C. Hipolito, Los Angeles, Calif.

1,414,776 (May 2, 1922; appl. July 25, 1921). WINDOW CONSTRUCTION. John Elniff, Kansas City, Mo.

1,415,920 (May 16, 1922; appl. Nov. 29, 1921). COMBINED SCREEN AND STORM DOOR. Fred L. Cizek, Cedar Rapids, Iowa.

1,417,097 (May 23, 1922; appl. Jan. 25, 1921). WINDOW-SCREEN HINGE. Henry Muller, Oakland, Calif.

1,426,267 (Aug. 15, 1922; appl. Apr. 30, 1920). COMBINED SCREEN AND STORM SASH. Lawrence W. Fisher, Wilsonville, Nebr. - One-half to Arthur Bird, Wilsonville, Nebr.

1,430,015 (Sept. 26, 1922; appl. Oct. 22, 1921). SCREEN DOOR. Joseph Icher, Sagamore, Pa.

1,432,790 (Oct. 24, 1922; appl. Apr. 15, 1921). ATTACHMENT FOR SCREEN DOORS. Levi L. Robertson, Madison, Minn.

1,443,211 (Jan. 23, 1923; appl. Sept. 11, 1922). SCREEN FOR AUTOMOBILE WINDSHIELDS. Amos A. Carterett, Jacksonville, Fla.

1,445,375 (Feb. 13, 1923; appl. Jan. 6, 1919). EXPANSIBLE WINDOW SCREEN. Duff H. Wertz, St. Louis, Mo. - One-half to Viola M. Wertz, St. Louis, Mo.

1,461,478 (July 10, 1923; appl. May 31, 1922). PROTECTIVE VENTILATING SCREEN FOR VEHICLES. Benjamin A. Daniels, Tampa, Fla.

1,462,127 (July 17, 1923; appl. Aug. 30, 1921). SHIELD. Albert C. Sanders, Helena, Ark.

1,464,427 (Aug. 7, 1923; appl. Nov. 11, 1920). SCREEN-DOOR BRACE. Spurgeon Hewitt, Bridgeport, Conn.

1,465,722 (Aug. 21, 1923; appl. Mar. 7, 1923). COMBINATION SCREEN AND VENTILATOR. Harry L. Thomas, Philadelphia, Pa.

1,465,821 (Aug. 21, 1923; appl. Aug. 29, 1922). SCREEN ATTACHMENT FOR AUTOMOBILES. Charles R. Henderson, Waterloo, Ill.

1,467,953 (Sept. 11, 1923; appl. Sept. 1, 1922). COMBINATION SASH AND SCREEN DOOR. John D. Sellars, Long Beach, Calif.

1,471,187 (Oct. 16, 1923; appl. Oct. 12, 1922). WINDOW SCREEN. Carl G. Morgner, Chicago, Ill.

1,473,631 (Nov. 13, 1923; appl. May 1, 1922). WINDOW SCREEN AND STORM SASH COMBINED. John J. Keldsen, Atlantic, Iowa.

1,476,336 (Dec. 4, 1923; appl. Aug. 15, 1922). AUTOMOBILE SCREEN. Vernon D. Hitchings, Norfolk, Va.

1,476,487 (Dec. 4, 1923; appl. Oct. 18, 1922). ATTACHMENT FOR SCREEN DOORS. Henry N. Burns, Middletown, Ohio.

1,480,153 (Jan. 8, 1924; appl. Feb. 6, 1922). WINDOW SCREEN. Judson M. Cramer, Gardner, Kans.

1,480,861 (Jan. 15, 1924; appl. July 16, 1919). SCREEN SHIELD. Armand E. Newman, New York, N.Y.

1,482,426 (Feb. 5, 1924; appl. Nov. 17, 1920). INSECTPROOF SLIDING-SASH WINDOW. Herman C. L. Aus, Hamilton, Newcastle New South Wales, Australia.

1,488,577 (Apr. 1, 1924; appl. Jan. 11, 1923). SCREEN. William W. Watson, Jamestown, N.Y.

1,493,750 (May 13, 1924; appl. Feb. 15, 1922). DUST STRIPPING FOR SCREENS. Henry E. Holbrook, Boston, Mass.

1,505,156 (Aug. 19, 1924; appl. Mar. 17, 1922). SCREEN. Wiley M. Mangum, Purdy, Va.

1,506,960 (Sept. 2, 1924; appl. July 21, 1922). UNITARY SCREEN AND CLOSURE ARRANGEMENT FOR WINDOW OPENINGS. William H. Watson, Wellington, Kans.

1,507,158 (Sept. 2, 1924; appl. June 12, 1923). DOOR. Stephen M. Casey, San Francisco, Calif.

1,508,655 (Sept. 16, 1924; appl. Nov. 20, 1922). SCREEN HANGER. Martin Hauser, Toledo, Ohio.

1,513,277 (Oct. 28, 1924; appl. Nov. 13, 1922). WINDOW SCREEN AND SHADE. Anthony Sadowski, Girardville, Pa.

1,519,358 (Dec. 16, 1924; appl. July 5, 1923). SCREEN DOOR OR WINDOW. Jesse L. Carrigan, Birmingham, Ala.

1,521,915 (Jan. 6, 1925; appl. Nov. 10, 1923). SCREEN ATTACHMENT FOR WINDSHIELDS. Persey St. Pierre and Joseph E. Bell, Chicago, Ill.

1,531,947 (Mar. 31, 1925; appl. May 10, 1924). DEVICE FOR ATTACHING WINDOW SCREENS. Douglas C. Jamieson, West Kildonan, and Frederick Rowett, Winnipeg, Manitoba, Canada.

1,536,490 (May 5, 1925; appl. Apr. 3, 1924). .DOOR AND WINDOW SCREEN HINGE. Charles F. Geschickter, Washington, D.C.

1,539,927 (June 2, 1925; appl. Feb. 1, 1922). .COMBINATION WINDOW SASH. Frank O. Allman, St. Paul, Minn.

1,540,985 (June 9, 1925; appl. Dec. 6, 1923). .WINDSHIELD SCREEN. Otho R. Gregory, Winter Garden, Fla.

1,542,269 (June 16, 1925; appl. Mar. 13, 1924). WINDOW-SCREEN FASTENER, Samuel I. Patton, Dallas, Texas. - One-third to H. J. Garrett, Dallas, Texas, one-third to T. J. Barton, Fort Worth, Texas.

1,542,888 (June 23, 1925; appl. Apr. 9, 1924). FASTENER FOR WINDOW SCREENS OR STORM WINDOWS. Thomas O. Iverson, Rochester, Minn.

1,543,189 (June 23, 1925; appl. Aug. 29, 1924). SCREEN FOR WINDSHIELDS. Sol W. Rawls. Franklin, Va.

1,545,397 (July 7, 1925; appl. June 9, 1923). WINDOW OR WINDOW-SCREEN STOP. Louis Castelli, North Bergen, N.J.

1,545,780 (July 14, 1925; appl. May 8, 1924). WINDOW SCREEN. William H. Kuhne, Safety Harbor, Fla.

1,546,020 (July 14, 1925; appl. Apr. 25, 1924). INSECT SCREEN FOR BEDS. Lilliam C. Nesbitt, Las Cruces, N. Mex.

1,547,672 (July 28, 1925; appl. Nov. 22, 1924). SCREEN DOOR. Richard E. Moore, Agency, Mo.

1,553,376 (Sept. 15, 1925; appl. Nov. 21, 1922). WINDOW SCREEN. William G. Hammond, Cleveland, Ohio.

1,553,507 (Sept. 15, 1925; appl. Aug. 1, 1923). HEATING AND VENTILATING MEANS FOR BUILDINGS. Harry E. Campbell, Baltimore, Md. - Campbell Metal Window Corporation, Baltimore, Md.

1,555,308 (Sept. 29, 1925; appl. Oct. 6, 1924). WINDOW FOR FREIGHT BOX CARS. Charles F. Morgan, Jackson, Tenn.

1,558,617 (Oct. 27, 1925; appl. Mar. 6, 1924). SCREEN DOOR. Carl J. Jackson, Superior, Wis.

1,563,070 (Nov. 24, 1925; appl. Apr. 30, 1925). CLAMPING DEVICE FOR COMBINATION STORM AND SCREEN DOORS. Harold L. Brandau, Muscatine, Iowa. - Huttig Manufacturing Co., Muscatine, Iowa.

1,572,184 (Feb. 9, 1926; appl. Feb. 16, 1925). DOOR. Stephen M. Casey, San Francisco, Calif.

1,572,486 (Feb. 9, 1926; appl. Oct. 17, 1925). WINDOW SASH. Jesse R. Howard, Beloit, Wis.

1,573,194 (Feb. 16, 1926; appl. Apr. 25, 1924). DOOR. Bradley Roe, Chicago, Ill. - Roe Door and Window Company, Chicago, Ill.

1,579,113 (Mar. 30, 1926; appl. Dec. 3, 1924). SCREEN. Carl J. Jackson, Superior, Wis.

1,579,848 (Apr. 6, 1926; appl. Apr. 7, 1925). DOUBLE WINDOW AND SCREEN CONSTRUCTION. James J. Veno, Greenfield, Mass.

1,581,185 (Apr. 20, 1926; appl. Oct. 6, 1925). FASTENER FOR SECTIONAL WINDOW SCREENS. Horace R. Ellis, Meadville, Pa.

1,581,788 (Apr. 20, 1926; appl. Oct. 2, 1924). SIDE-SCREEN ATTACHMENT FOR THE WEATHER SHIELDS OF MOTOR VEHICLES. Claude V. Cornforth, Wellington, New Zealand.

1,582,111 (Apr. 27, 1926; appl. Feb. 27, 1924). COMBINED SCREEN AND ADJUSTABLE TRANSPARENT VENTILATOR. Michael Wogan, Philadelphia, Pa.

1,582,471 (Apr. 27, 1926; appl. Dec. 5, 1925). WINDOW-SCREEN VENTILATOR. Irving Hudson, Wilkes-Barre, Pa.

1,583,780 (May 11, 1926; appl. June 18, 1923). AUTO VENTILATOR AND GLARESHIELD. Thomas F. Costello, Minneapolis, Minnesota.

1,586,615 (June 1, 1926; appl. May 19, 1924). ADJUSTABLE SCREEN-DOOR HINGE. Samuel F. Elliott, Knightstown, Ind.

1,587,196 (June 1, 1926; appl. June 6, 1923). QUICKLY-DETACHABLE SCREEN. Lewis E. Soldan and George W. Behnke, Gladwin, Mich. - Simplicity Engineering Company.

1,588,070 (June 8, 1926; appl. Dec. 9, 1925). FLY SCREEN. Frank E. Washburn, Hale, Mo.

1,588,529 (June 15, 1926; appl. Apr. 9, 1925). HINGE ARRANGEMENT FOR FOLDING SCREENS. Harold B. Cranshaw, West Newton, Mass. - Cutter Manufacturing Company, Everett, Mass.

1,593,324 (July 20, 1926; appl. May 4, 1925). SCREEN FOR AUTOMOBILES. Andrew Anderson, Rockford, Ill. - Joseph S. Lundholm and Ernst Peterson, Rockford, Ill.

1,593,411 (July 20, 1926; appl. June 3, 1925). INTERCHANGEABLE SCREEN AND PANEL DOOR. Mathias Kindsvogel, Waukesha, Wis.

1,594,377 (Aug. 3, 1926; appl. Oct. 23, 1924). AUTOMOBILE WINDOW SCREEN. Albert N. Porter, Tulsa, Okla. - One-half to Earl A. Shaw, Tulsa, Okla.

1,594,812 (Aug. 3, 1926; appl. Nov. 8, 1922). WINDOW SCREEN. Robert E. Blackburn, Los Angeles, Calif.

1,595,274 (Aug. 10, 1926; appl. Aug. 18, 1923). WINDOW SCREEN FOR AUTOMOBILES. Joel K. White, La Crosse, Wis.

1,595,554 (Aug. 10, 1926; appl. May 13, 1925). WINDOW SCREEN. Joseph B. Kaufmann, Mound Ridge, Kans.

1,601,049 (Sept. 28, 1926; appl. Apr. 8, 1925). CATCH FOR WINDOWS, DOORS, AND THE LIKE. Lawrence C. Thorne, Sterling, Ill. - Frantz Manufacturing Co., Sterling, Ill.

1,602,096 (Oct. 5, 1926; appl. Jan. 18, 1926). COMBINED SCREEN AND STORM WINDOW OR DOOR FRAME. John S. Barnes, Ann Arbor, Mich.

1,604,470 (Oct. 26, 1926; appl. Mar. 25, 1925). SCREENING DEVICE. Alfred A. Newnham, Pasadena, Calif.

1,605,598 (Nov. 2, 1926; appl. Mar. 5, 1925). WINDOW. Edmund H. Lunken, Hartsdale, N.Y.

1,605,936 (Nov. 9, 1926; appl. Apr. 3, 1924). WINDOW-SCREEN LATCH. Charles F. Geschickter, Washington, D.C.

1,608,090 (Nov. 23, 1926; appl. Mar. 18, 1926). WINDOW-SCREEN VENTILATOR. Frederick Ehrsam, Reading, Pa.

1,610,115 (Dec. 7, 1926; appl. June 4, 1925). SCREEN ATTACHMENT FOR AUTOMOBILES. Joel K. White, La Crosse, Wis.

1,611,250 (Dec. 21, 1926; appl. Sept. 1, 1925). FLY SCREEN. Squire James Smith, Niagara Falls, N.Y.

1,611,386 (Dec. 21, 1926; appl. Feb. 1, 1926). SCREEN-DOOR OPENER. Roy Stanley, Cedarville, Calif.

1,615,632 (Jan. 25, 1927; appl. July 31, 1925). STORM WINDOW SCREEN. Willis B. Kinnear, Youngsville, Pa.

1,615,739 (Jan. 25, 1927; appl. Jan. 19, 1925). DOOR OR WINDOW SCREEN. John R. Brewer, Taylor, Texas.

1,626,336 (Apr. 26, 1927; appl. Jan. 19, 1926). WINDOW SASH AND SCREEN. Abraham W. Goldman, Los Angeles, Calif.

1,631,010 (May 31, 1927; appl. Mar. 2, 1926). COMBINED GLARE, WIND, RAIN, AND INSECT SHIELD FOR AUTOMOBILES. Wellington I. Clements, Norfolk, Va.

1,632,333 (June 14, 1927; appl. June 5, 1925). WINDOW STRUCTURE. Edward C. Healy, Muscatine, Iowa.

1,634,312 (July 5, 1927; appl. Aug. 11, 1926). DOOR OR WINDOW SCREEN. Michele Zecchino, Corona, N.Y.

1,634,371 (July 5, 1927; appl. June 7, 1926). WINDOW SCREEN. Thomas B. Laycock, Indianapolis, Ind.

1,636,255 (July 19, 1927; appl. June 21, 1924). WINDOW-SCREEN HOLDER. Frederick A. Stickle, Cincinnati, Ohio. - The National Screen & Manufacturing Company, Cincinnati, Ohio.

1,638,610 (Aug. 9, 1927; appl. Nov. 18, 1925). VENTILATING SCREEN FOR AUTOMOBILES. Clair A. Baker, Detroit, Minn.

1,639,455 (Aug. 16, 1927; appl. Aug. 13, 1925). WINDOW AND OPERATING MEANS THEREFOR. Bertram J. Goldsmith and Emil Koebe, New York, N.Y. - Perfect Window Regulator Corporation, Long Island City, N.Y.

1,643,070 (Sept. 20, 1927; appl. Dec. 31, 1925). OPEN-AIR SLEEPING ROOM. Ernest T. Heinson, Mountain Iron, Minn.

1,645,775 (Oct. 18, 1927; appl. Oct. 22, 1923). FLY SCREEN. Philip S. Ross, Montreal, Quebec, Canada.

1,649,985 (Nov. 22, 1927; appl. Nov. 4, 1926). AUTOMOBILE WINDSHIELD SCREEN. George J. Schweizer, Greenville, Miss.

1,651,071 (Nov. 29, 1927; appl. Oct. 20, 1926). VENTILATING SCREEN STRIP. John C. Scheppers, San Bernardino, Calif.

1,653,274 (Dec. 20, 1927; appl. May 31, 1917). SCREEN DOOR. Hermanus A. Hansen, San Francisco, Calif.

1,656,405 (Jan. 17, 1928; appl. Mar. 8, 1927). SCREEN-GUIDING WINDOW FRAME. Ainsley J. Vincent, Lawrence, Mass.

1,658,280 (Feb. 7, 1928; appl. Nov. 17, 1926). WINDOW SCREEN AND WEATHERING AND THE LIKE. Cullie H. Baugh, Columbus, Ohio.

1,658,809 (Feb. 14, 1928; appl. July 12, 1927). TRANSPARENT, FOLDING, RAIN-PROOF WINDOW SCREEN. William S. Lackey, Camden, N.J.

1,659,955 (Feb. 21, 1928; appl. Dec. 10, 1926). CASEMENT-WINDOW SCREEN. Frederick E. Loescher, Harrisburg, Pa. - One-third to Clayton J. Lappley, Harrisburg, Pa. - One-third to Raymond C. Bobb, Carlisle, Pa.

1,665,024 (Apr. 3, 1928; appl. Dec. 24, 1925; renewed Aug. 29, 1927). DOOR, SASH, AND SCREEN. Charles F. Geschickter, Washington, D. C.

1,655,679 (Apr. 10, 1928; appl. Jan. 22, 1926). LIGHT SCREEN AND VENTILATOR. Leopold Simon, New York, N.Y.

1,668,350 (May 1, 1928; appl. Feb. 21, 1927). WINDSHIELD SCREEN FOR AUTOMOBILES. August Bernhard, Tammis, Ill.

1,672,648 (June 5, 1928; appl. Sept. 12, 1927). ROLLER SCREEN. Walter H. Lenish, Chicago, Ill.

1,673,326 (June 12, 1928; appl. Apr. 13, 1925). ROLLER WINDOW SCREEN. Maurice O. Goldsmith, Boston, Mass.

1,673,664 (June 12, 1928; appl. Oct. 24, 1925). COMBINED GLARE, WIND, RAIN, AND INSECT SHIELD FOR AUTOMOBILES. Wellington I. Clemments, Norfolk, Va.

1,676,324 (July 10, 1928; appl. Jan. 10, 1927). VENTILATOR. James M. Coughlin, Wilkes-Barre, Pa.

1,678,941 (July 31, 1928; appl. June 9, 1927, divided and filed June 20, 1928). METHOD OF MAKING WOVEN-WIRE SCREENS. August E. Helman, Cleveland, Ohio.

1,681,534 (Aug. 21, 1928; appl. May 14, 1925). COMBINATION BLIND AND SCREEN. John W. Green, Portsmouth, Va.

1,681,846 (Aug. 21, 1928; appl. Nov. 15, 1926). DRAINAGE DEVICE FOR WINDOW SCREENS. Christian C. Englehart, Rochester, Minn.

1,681,925 (Aug. 28, 1928; appl. Feb. 17, 1928). SCREEN-HOLDING CLIP. William C. Anderson, Hartford, Conn.

1,682,271 (Aug. 28, 1928; appl. Mar. 12, 1927). DOOR WITH COMBINED SCREEN AND ADJUSTABLE WINDOW. George L. Eveleth, Arcadia, Calif.

1,690,094 (Nov. 6, 1928; appl. Apr. 12, 1927). WINDOW SCREEN. Louis G. Beers, Trenton, N.J. - The New Jersey Wire Cloth Company, Trenton, N.J.

1,690,127 (Nov. 6, 1928; appl. Feb. 3, 1926). DEVICE FOR ADJUSTING CASEMENT WINDOWS. Winslow R. Parsons, San Diego, Calif.

1,691,162 (Nov. 13, 1928; appl. Aug. 26, 1926). VENTILATING APPARATUS. Mark H. Miller, Indianapolis, Indiana.

1,691,226 (Nov. 13, 1928; appl. Feb. 25, 1926, renewed Sept. 15, 1928). INSECT SCREEN. Harry E. Cragg, Calgary, Alberta, Canada.

1,692,247 (Nov. 20, 1928; appl. July 19, 1926). COMBINED WINDOW AND SCREEN OPERATING MECHANISM. Ragna Cleveland, Kelly, Iowa.

1,697,092 (Jan. 1, 1929; appl. Apr. 30, 1928). VEHICLE WINDOW SCREEN. Walter F. Spreiter, Staples, Minn.

1,699,070 (Jan. 15, 1929; appl. July 16, 1927). STORM-WINDOW AND SCREEN STRUCTURE. Henry J. Ruchie, St. Paul, Minn. - One-half to Leo G. Gerlach, St. Paul, Minn.

1,701,004 (Feb. 5, 1929; appl. July 9, 1927). GUARD FOR SCREEN DOORS AND THE LIKE. Carl H. Hawthorne, Coshocton, Ohio.

1,702,963 (Feb. 19, 1929; appl. Nov. 7, 1927). WINDSHIELD SCREEN. Elanna S. Dockery, Waco, Texas.

1,710,669 (Apr. 23, 1929; appl. Oct. 12, 1927). WIRE FABRIC AND METHOD OF MAKING THE SAME. John P. Weis, Nyack, N.Y. - Metropolitan Sewing Machine Corporation, Nyack, N.Y.

1,712,594 (May 14, 1929; appl. Aug. 6, 1927). ROLLER SCREEN. Harry W. Valentine, Oakland, Calif.

1,713,809 (May 21, 1929; appl. Mar. 15, 1926). METHOD OF MAKING SCREENS. Herbert D. Allee, Detroit, Mich.

1,714,920 (May 28, 1929; appl. Sept. 12, 1927). COMBINATION SCREEN AND STORM DOOR. Oscar V. Nelson, Racine, Wis.

1,715,024 (May 28, 1929; appl. Oct. 28, 1927). SCREEN. Randolph Arbuckle, La Grange, Ill.

1,715,221 (May 28, 1929; appl. Sept. 22, 1926). BED ATTACHMENT FOR VEHICLES. Thomas L. Carpenter and Roy L. Zachary, Marlow, Okla.

1,716,764 (June 11, 1929; appl. June 15, 1927). CONVERTIBLE SCREEN DOOR. Jesse L. Carrigan, Birmingham, Ala.

1,719,980 (July 9, 1929; appl. July 17, 1926). WINDOW SCREEN. Jacoby Imbruglia, Alameda, Calif.

1,726,512 (Aug. 27, 1929; appl. Aug. 10, 1928). HINGE. Willis S. Hoover, Thomasville, Pa.

1,730,779 (Oct. 8, 1929; appl. Sept. 13, 1926). WINDOW-SCREEN FASTENER. Charles J. McClinch, Bridgeport, Conn.

1,730,781 (Oct. 8, 1929; appl. May 22, 1928). COMBINED WINDOW SASH AND SCREEN CONSTRUCTION. Jacob Monis, New York, N.Y. - Ruth R. Monis, New York, N.Y.

1,734,641 (Nov. 5, 1929; appl. Nov. 17, 1928). WINDOW VENTILATOR. Eugene J. Ney, New York, N.Y.

1,738,183 (Dec. 3, 1929; appl. Mar. 5, 1929). WINDOW WEATHERPROOFING DEVICE AND SCREEN HANGER. Joseph T. Hickman, Cottage City, Md.

1,738,925 (Dec. 10, 1929; appl. Nov. 4, 1927). ROLLING WINDOW SCREEN. George F. Sagers, Des Moines, Iowa.

1,739,029 (Dec. 10, 1929; appl. Nov. 6, 1926). SCREENED VENTILATING WINDOW FOR AUTOMOBILES. Howard C. Hart, Russiaville, Ind.

1,739,157 (Dec. 10, 1929; appl. Nov. 27, 1928). SCREEN HANGER. Arthur E. Lyons, North Caldwell, N.J.

1,739,395 (Dec. 10, 1929; appl. Sept. 23, 1927). SCREEN FOR AUTOMOBILES. James W. Jelks, Miami, Fla.

1,739,811 (Dec. 17, 1929; appl. Nov. 21, 1927). SCREEN CONSTRUCTION. John O. Wagner, Chicago, Ill.

1,742,011 (Dec. 31, 1929; appl. Nov. 13, 1926). SCREENED FOLDING CRIB. Robert G. Rumsey, Kinsley, Kans.

1,742,027 (Dec. 31, 1929; appl. May 5, 1928). DUPLEX DOOR. James R. De Haven, Champaign, Ill.

1,743,308 (Jan. 14, 1930; appl. Aug. 28, 1928). PORTABLE SCREEN HOUSE. Gustav A. Baumann, Los Angeles, Calif.

1,744,329 (Jan. 21, 1930; appl. Dec. 29, 1926). SCREEN AND FABRIC THEREFOR. John Kraz and Julius Stedel, Bashaw, Alberta, Canada.

1,747,254 (Feb. 18, 1930; appl. Sept. 6, 1928). SCREEN INSECT CONTROL. Alvin A. Lundy, Indianapolis, Ind.

1,752,640 (Apr. 1, 1930; appl. June 8, 1928). SCREEN AND WINDOW. Oscar Karlsllyst, Sacramento, Calif.

1,753,504 (Apr. 8, 1930; appl. Aug. 17, 1928). SWINGING WINDOW AND SCREEN MOUNTING. Earle W. Cummings, Santa Barbara, Calif. - Watertite Casement Hardware Co., Santa Barbara, Calif.

1,753,751 (Apr. 3, 1930; appl. Nov. 15, 1927). FIXTURE FOR ROLLER SCREENS OR SHADES. Edward C. Philipos, Brooklyn, N.Y.

1,757,860 (May 6, 1930; appl. June 26, 1928, in Australia, July 4, 1927). SIDE SCREEN OR CURTAIN FOR MOTOR VEHICLES. John R. Hall, Kenneth C. McLeod, and Owen B. Heatley, Melbourne, Victoria, Australia.

1,758,720 (May 13, 1930; appl. Jan. 14, 1929). SCREEN. John E. Sodergren, Minneapolis, Minn.

1,759,311 (May 20, 1930; appl. May 18, 1928). WINDSHIELD SCREEN. Lester E. Ike, Plainview, Nebr., Arthur Langren and Del Hutson, Le Mars, Iowa, and Lynn H. Latta, Sioux City, Iowa.

1,762,884 (June 10, 1930; appl. Nov. 9, 1928). ADJUSTABLE WINDOW SCREEN. Mayhew E. Noyes, Canton, Ohio.

1,766,055 (June 24, 1930; appl. Sept. 9, 1926). WINDSHIELD SCREEN. Edgar B. Clement and Raymond J. Thompson, Jackson, Mich.

1,769,264 (July 1, 1930; appl. Dec. 12, 1927). WINDOW SCREEN. Emma Kohlmeier, Manitowoc, Wis. - One-half to Elmer Kohlmeier, Manitowoc, Wis.

1,770,702 (July 15, 1930; appl. Sept. 9, 1927). DOOR AND THE LIKE. Earl Kenyon, Kansas City, Mo. - The Long-Bell Lumber Company, Kansas City, Mo.

1,771,569 (July 29, 1930; appl. Oct. 16, 1929). COMBINATION DOOR. Delor J. Benoit, Fordson, Mich.

1,772,765 (Aug. 12, 1930; appl. Dec. 28, 1927). SCREEN-GUIDING WINDOW FRAME. Ainsley J. Vincent, Lawrence, Mass.

1,777,494 (Oct. 7, 1930; appl. Sept. 10, 1928). WINDOW-SCREEN FASTENER. Henning Johnson, New Britain, Conn.

1,779,062 (Oct. 21, 1930; appl. Nov. 28, 1928). SCREENED WINDOW. Alex C. D'Alfonso, Santa Barbara, Calif.

1,780,871 (Nov. 4, 1930; appl. June 27, 1929). SCREEN FOR WINDOWS, WINDSHIELDS, AND THE LIKE. George A. Dickson, Medway, Mass. - One-third to Lillian M. Dickson, Medway, Mass. - One-third to James A. Anderson, City Mills, Mass.

1,781,272 (Nov. 11, 1930; appl. Feb. 6, 1929). COMBINATION SCREEN AND SASH MOUNTING. Earle W. Cummings, Los Angeles, Calif. Watertite Casement Hardware Co., Los Angeles, Calif.

1,782,173 (Nov. 18, 1930; appl. May 7, 1928). AUTOMOBILE DOOR OR WINDOW SCREEN. Leonard H. Nicholson, Chula Vista, Calif.

1,792,762 (Feb. 17, 1931; appl. Sept. 20, 1928). SCREEN-CLOSURE CONSTRUCTION. Byrd C. Rockwell, Sheffield, Ala.

1,794,235 (Feb. 24, 1931; appl. Dec. 1, 1926). WINDOW SCREEN. Albert Libby, Winslow, Me.

1,794,534 (Mar. 3, 1931; appl. Mar. 19, 1929). WINDOW SCREEN. Ralph A. Norquist and Glenn H. Norquist, Jamestown, N.Y.

1,794,956 (Mar. 3, 1931; appl. Nov. 23, 1929). SCREEN. Albert Heath, Chicago, Ill.

1,795,087 (Mar. 3, 1931; appl. June 12, 1929). WINDOW VENTILATOR AND DUST ELIMINATOR. William Higgins, Chicago, Ill.

1,796,148 (Mar. 10, 1931; appl. Apr. 4, 1928). COMBINED SCREEN AND WINDOW LIFT. Camille Greenblatt, Louisville, Ky.

1,798,524 (Mar. 31, 1931; appl. June 26, 1929). WINDSHIELD. Thomas di Palma, New Orleans, La.

1,799,104 (Mar. 31, 1931; appl. Jan. 21, 1930). WINDOW SCREEN. Lewis F. Koch, Johnson City, Tenn.

1,799,719 (Apr. 7, 1931; appl. Oct. 24, 1928). SCREENED-CLOSURE CONSTRUCTION. Samuel B. Zimmer, Los Angeles, Calif. - Gertrude E. Zimmer, Los Angeles, Calif.

1,800,539 (Apr. 14, 1931; appl. Dec. 31, 1928). WINDOW CONSTRUCTION. Clyde W. Kelly, Detroit, Mich. - Detroit Steel Products Company, Detroit, Mich.

1,800,800 (Apr. 14, 1931; appl. Feb. 17, 1930). DOOR. Henry S. Kerby, Albany, Ga.

1,805,403 (May 12, 1931; appl. Apr. 26, 1929). CASEMENT WINDOW STRUCTURE. Theodore Johnson, Erie, Pa. - Johnson Metal Products Co., Erie, Pa.

1,808,394 (June 2, 1931; appl. Apr. 28, 1930). SCREEN DOOR CATCH. David M. Woods, Sacramento, Calif. - One-half to J. H. Armstrong, Sacramento, Calif.

1,810,044 (June 16, 1931; appl. June 11, 1930). SCREEN FOR WINDSHIELDS. Frank R. Harris, Jr., St. Louis, Mo.

1,811,681 (June 23, 1931; appl. June 20, 1930). WINDOW AND SCREEN SECURER. Walter Bildstein, Brooklyn, N.Y.

1,813,756 (July 7, 1931; appl. July 29, 1929). COMBINED WINDOW SCREEN, WIND DEFLECTOR AND VENTILATOR. Richard Noppenz, Ozone Park, N.Y.

1,814,317 (July 14, 1931; appl. June 4, 1929). SCREEN DOOR GRILLE. Harry J. Lebherz, Frederick, Md. - The Everedy Company, Frederick, Md.

1,825,595 (Sept. 29, 1931; appl. Apr. 24, 1930). STORM SASH OR SCREEN HANGER. Paul Kohl, Wausau, Wis.

1,829,343 (Oct. 27, 1931; appl. Apr. 27, 1929). SCREENED WINDOW OPERATING DEVICE. Louise E. Dodds and Wilbert J. Dodds, Detroit, Mich. - The W. J. Baker Company Incorporated, Newport, Ky.

1,833,104 (Nov. 24, 1931; appl. Aug. 30, 1930). WINDOW SCREEN. Randolph Arbuckle, Geneseo, Ill. - One-half to Blanche M. Gilbraith, Geneseo, Ill.

1,834,246 (Dec. 1, 1931; appl. June 6, 1929). SCREEN HARDWARE. Theodore P. Lalliance, Huntington, W. Va.

1,837,538 (Dec. 22, 1931; appl. Jan. 24, 1930). COMBINED WINDOW AND SCREEN. Charles O. Frye, East Orange, N.J. - Newark Metal Screen Company, Inc.

1,838,207 (Dec. 29, 1931; appl. Aug. 25, 1926). COMBINED SCREEN AND VENTILATOR. William A. Allen, New York, N.Y.

1,840,388 (Jan. 12, 1932; appl. Nov. 1, 1930). SCREEN HANGER MECHANISM. James D. Dyer, Kansas City, Mo.

1,840,454 (Jan. 12, 1932; appl. Aug. 20, 1931). ROLLER SCREEN. Francis M. Kennedy, Kansas City, Mo.

1,844,967 (Feb. 16, 1932; appl. Feb. 16, 1931). SCREEN. Earl P. Le Gore, Philadelphia, Pa.

1,845,206 (Feb. 16, 1932; appl. July 10, 1931). STORM WINDOW AND SCREEN. Leon R. Snyder, Gull Lake, Mich.

1,850,864 (Mar. 22, 1932; appl. Oct. 29, 1930). AUTOMOBILE WINDOW SCREEN. Elmer J. Campbell, Logansport, Ind.

- 1,857,717 (May 10, 1932; appl. Oct. 25, 1930). HINGE FOR WINDOW SCREENS. Ralph Focaracci, Miami, Fla.
- 1,858,602 (May 17, 1932; appl. Feb. 24, 1930). FRICTION SUPPORTING MEANS FOR SCREENS AND STORM SASHES. Darius E. Shrauger, Atlantic, Iowa.
- 1,858,987 (May 17, 1932; appl. July 6, 1931). LOCKING DEVICE FOR WINDOW SCREENS. Joseph T. Dawicki, Jr., Jersey City, N.J.
- 1,859,974 (May 24, 1932; appl. July 3, 1930). COMBINED GLAZED AND SCREEN DOOR. Adolph G. Kroenke, Fairbault, Minn.
- 1,860,643 (May 31, 1932; appl. July 28, 1928). CONVERTIBLE CLOSURE. Frank Bokan, St. Louis, Mo.
- 1,866,788 (July 12, 1932; appl. Dec. 12, 1930). ROLLER SCREEN. Edward D. Arthur, Palo Alto, Calif. - Arthur Metal Products Company Ltd., San Francisco, Calif.
- 1,868,693 (July 26, 1932; appl. Apr. 15, 1931). SAFETY HOOK FOR SCREEN DOORS. Benedetto Capra, Sacramento, Calif.
- 1,870,400 (Aug. 9, 1932; appl. July 16, 1931). COMBINATION SCREEN AND WINDOW CONSTRUCTION FOR VEHICLES. Carl W. Butterfass, Young America, Minn. - One-half to Edward Williamson, Bongard, Minn.
- 1,870,765 (Aug. 9, 1932; appl. Nov. 27, 1931). COMBINED SCREEN AND AWNING. John F. Baumann, North Bergen, N.J.
- 1,873,399 (Aug. 23, 1932; appl. Sept. 30, 1929). CASEMENT WINDOW AND SCREEN THEREFOR. Frederick F. Haskell, Jamaica Plain, Mass. - Apexon Company, Jamaica Plain, Mass.
- 1,875,315 (Sept. 6, 1932; appl. Mar. 3, 1931). WINDOW VENTILATOR. Melchor Marsa, Brooklyn, N.Y. - Winna Manufacturing Corporation, New York, N.Y.
- 1,879,534 (Sept. 27, 1932; appl. Mar. 4, 1930). WINDOW SCREEN. John Schmidt, Buffalo, N.Y. - Schmidt Sheet Metal Works, Inc., Buffalo, N.Y.
- 1,888,038 (Nov. 15, 1932; appl. Nov. 30, 1928). WINDSHIELD SCREEN. Albert Hoiland and Patrick V. Moher, Fargo, N.D.
- 1,895,312 (Jan. 24, 1933; appl. Sept. 8, 1931). SCREEN AND STORM SASH MOUNTING FOR WINDOWS. Peter Dietz, Lorain, Ohio.
- 1,895,553 (Jan. 31, 1933; appl. Aug. 18, 1930). DOOR OR SCREEN AND FASTENING MEANS. Carl H. Nordell, Chicago, Ill.
- 1,901,114 (Mar. 14, 1933; appl. July 7, 1930). VENTILATOR. August D. Meiselbach, Chicago, Ill.
- 1,902,949 (Mar. 28, 1933; appl. Aug. 8, 1932). COMBINED WINDOW GUARD AND SCREEN. Joseph P. Condon, Omaha, Nebr.

1,904,968 (Apr. 18, 1933; appl. Mar. 13, 1929). AUTOMOBILE WINDOW SCREEN. Lewis L. Bredin, Detroit, Mich. - Chamberlin Metal Weatherstrip Co., Detroit, Mich.

1,905,421 (Apr. 25, 1933; appl. Oct. 24, 1930). WINDOW SCREEN AND STRUCTURE. Hazelhurst R. Noyes, Los Angeles, Calif. - Gertrude E. Noyes, Los Angeles, Calif.

1,911,275 (May 30, 1933; appl. Oct. 17, 1931). SCREEN DOOR. Francis G. Hanson, Los Angeles, Calif.

1,913,343 (June 6, 1933; appl. Mar. 23, 1931). CASEMENT SASH OPERATING MEANS. Joseph H. Sheard, Philadelphia, Pa. - David Lupton's Sons Company, Philadelphia, Pa.

1,927,826 (Sept. 26, 1933; appl. June 26, 1931). MEANS FOR REPAIRING AND SECURING SCREENS. Ralph W. Friday, Pittsburgh, Pa.

1,928,734 (Oct. 3, 1933; appl. Oct. 17, 1932). SCREEN AND SASH FASTENER. Nels L. Nelson, St. James, Minn.

1,940,055 (Dec. 19, 1933; appl. Oct. 19, 1932). CASEMENT SCREEN AND THE LIKE. Karl F. Jorss, Washington, D. C. - Crittall Manufacturing Co., Inc., Washington, D. C.

1,940,750 (Dec. 26, 1933; appl. Nov. 8, 1932). WINDOW BALANCING MEANS. John Hellinga, Sr., Chicago, Ill.

1,941,432 (Dec. 26, 1933; appl. Oct. 6, 1931). METALLIC WINDOW STRUCTURE. Albert L. Doering, Germantown, Pa. - J. S. Thorn Company, Philadelphia, Pa.

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Jackson, Carl J., 1,251,779; 1,332,441; 1,558,617; 1,579,113
Jamieson, Douglas C., and Rowett, Frederick, 1,531,947
Jelks, James W., 1,739,395
Johanson, Carl S., 1,227,152
Johnson, Henning, 1,777,494
Johnson, Theodore, 1,805,403
Jorss, Karl F., 1,940,055
Karlslyst, Oscar, 1,752,640
Kaufmann, Joseph B., 1,595,554
Keeler, Max N., 1,221,186
Keldsen, John J., 1,473,631
Kelly, Clyde W., 1,800,539
Kennedy, Francis M., 1,840,454
Kenyon, Earl, 1,770,702
*Hutson, Del (See Ike, Lester E.)

Kerby, Henry S., 1,800,800
Kindsvogel, Mathias, 1,593,411
Kinneer, Willis B., 1,615,632
Koch, Lewis F., 1,799,104
Koeb, Emil, (see Goldsmith, Bertram J.)
Kohl, Paul, 1,825,595
Kohlmeier, Emma, 1,769,264
Kraemer, Emil, and Schuler, George, 1,233,884
Kroenke, Adolph G., 1,859,974
Kuhne, William H., 1,545,780
Lackey, William S., 1,658,809
Lalliance, Theodore P., 1,834,246
Lane, John T., (see McGrath, Joseph M.)
Langren, Arthur (see Ike, Lester E.)
Latta, Lynn, (see Ike, Lester E.)
Laycock, Thomas B., 1,634,371
Leach, William L., 1,347,341
Lebherz, Harry J., 1,814,317
LeGroe, Earl P., 1,844,967
Leonard, George I., (see Adams, John P.)
Leonard, William R., 1,229,983
Libby, Albert, 1,794,235
Lincoln, Ulysses M., 1,370,457
Loescher, Frederick E., 1,659,955
Lundy, Alvin A., 1,747,254
Lunken, Edmund H., 1,605,598
Lynch, Elizabeth, 1,332,131
Lyons, Arthur E., 1,739,157
MacKinnon, Archibald, 1,330,714
Mangum, Wiley M., 1,505,156
Marsa, Melchor, 1,875,315
May, Eugene, Jr., and Voigt, August, 1,402,241
McClinch, Charles J., 1,730,779
McGaughy, Marshall, 1,360,424
McGrath, Joseph M., and Lane, John T., 1,236,193
McKeown, Annie T., 1,224,762
McLeod, Kenneth Clarence, (see Hall, John R.)
McMahon, Frank, and Houston, Roger A., 1,346,664
Meiselbach, August D., 1,901,114
Miller, Georgiana C., 1,354,987
Miller, Mark H., 1,691,162
Miller, Ralph, and Turney, William E., 1,344,054
Milman, Maurice H., 1,265,477
Moher, Patrick V., (see Hoiland, Albert)
Monis, Jacob, 1,730,781
Moore, Benton, and Stansbury, Garrett O., 1,299,596
Moore, Richard E., 1,547,672
Morgan, Charles F., 1,555,308
Morgner, Carl G., 1,471,187
Mraz, John and Stedel, Julius, 1,744,329
Muller, Henry, 1,417,097
Nelson, Nels L., 1,928,734
Nelson, Oscar V., 1,714,920

Nesbitt, Lillian C., 1,546,020
Newnham, Alfred A., 1,604,470
Newman, Armand E., 1,480,861
Ney, Eugene J., 1,734,641
Nicholson, Leonard H., 1,782,173
Nippert, John W., 1,326,608
Noppenz, Richard, 1,813,756
Norquist, Glenn H., (see Norquist, Ralph A.)
Norquist, Ralph A. and Norquist, Glenn H., 1,794,534
Nordell, Carl H., 1,895,553
Noyes, Hazelmurst R., 1,904,421
Noyes, Mayhew E., 1,762,884
Nyack, John P., 1,710,669
O'Brien, John, 1,286,888
Ordakowski, Felix, 1,262,552
Palma, Thomas di, 1,798,524
Parsons, Winslow R., 1,690,127
Patton, Samuel I., 1,542,269
Perkins, Bert B., 1,274,933
Philipps, Edward C., 1,753,751
Plants, James R., 1,293,911
Porter, Albert N., 1,594,377
Pratt, Lewis M., 1,379,040
Rawls, Sol W., 1,542,189
Ray, William H., 1,399,878
Rinker, John C., 1,258,247
Robertson, Levi L., 1,432,790
Rochon, Charles, 1,392,706
Rockwell, Byrd C., 1,792,762
Roe, Bradley, 1,573,194
Ross, Philip S., 1,645,775
Rowett, Frederick (see Jamieson, Douglas C.)
Ruchie, Henry J., 1,699,079
Rumsey, Robert G., 1,742,011
Sadowski, Anthony, 1,513,277
Sagers, George F., 1,738,925
St. Pierre, Persey, and Bell, Joseph E., 1,521,915
Sajtos, George, 1,221,478
Sanders, Albert C., 1,462,127
Scheppers, John C., 1,651,071
Schmidt, John, 1,879,534
Schuler, George, (see Kraemer, Emil)
Schweizer, George J., 1,649,985
Sellers, John D., 1,467,953
Sheard, Joseph H., 1,913,343
Shrauger, Darius E., 1,858,602
Simon, Leopold, 1,386,033; 1,665,679
Sinott, Robert J., 1,210,553
Smith, Frank E., 1,262,116
Smith, Squire J., 1,611,250
Snyder, Leon R., 1,845,206
Sodergren, John E., 1,758,720
Soldan, Lewis, E., and Behnke, George W., 1,587,196

Soule, Arthur C., 1,256,839; 1,256,840
Sprieter, Walter F., 1,697,092
Stanley, Roy, 1,611,386
Stansbury, Garrett O., (see Moore, Benton)
Stedel, Julius (see Mraz, John)
Stein, George W., 1,273,288; 1,331,397
Stephens, Joseph, 1,246,346
Stermer, William R., 1,379,227
Stickle, Frederick A., 1,636,255
Thomas, Harry L., 1,302,729; 1,465,722
Thompson, Raymond J. (See Clement, Edgar B.)
Thorne, Lawrence C., 1,601,049
Tredway, Charles C., 1,291,267
Troph, Emil, 1,375,235
Turney, William E., (see Miller, Ralph)
Valentine, Harry W., 1,712,594
Van Fleet, Frederick W., 1,385,958
Veno, James J., 1,579,848
Vincent, Ainsley J., 1,656,405; 1,772,765
Voigt, August (see May, Eugene, Jr.)
Wagner, John O., 1,739,811
Washburn, Frank E., 1,538,070
Watson, William W., 1,488,577; 1,506,960
Way, Clifford M., 1,345,569
Wertz, Duff H., 1,445,375
Weis, John P., 1,710,669
Whetstone, Alfred, 1,268,653
White, Joel K., 1,595,274; 1,610,115
Williams, Thomas E., 1,264,734
Williamson, Oscar C., 1,313,969
Winter, Rudolph G., 1,268,657
Wise, Abe W., 1,277,807
Wogan, Michael, 1,582,111
Woods, David M., 1,808,394
Zachary, Roy L., (see Carpenter, Thomas L.)
Zecchino, Michele, 1,634,312
Zeman, Anton, 1,318,253
Zimmer, Samuel B., 1,799,719